

What is claimed is:

1 1. A nozzle assembly of a dishwasher, comprising:
2 a main nozzle having a first coupling hole;
3 an auxiliary nozzle, having a second coupling hole, for coupling with said main
4 nozzle;
5 first interlocking means, having a first end, for coupling with said main nozzle at the
6 first coupling hole, by being caught in the first coupling hole by the first end; and
7 second interlocking means, having a first end, for coupling with said auxiliary nozzle
8 at the second coupling hole, by being caught in the second coupling hole by the first end and
9 by having a second end to be caught on said first interlocking means.

1 2. The nozzle assembly as claimed in claim 1, wherein said first and second
2 interlocking means are each provided with a passage allowing water flow between said main
3 and auxiliary nozzles.

1 3. The nozzle assembly as claimed in claim 1, wherein said first and second
2 interlocking means are rotatably assembled with respect to each other.

1 4. The nozzle assembly as claimed in claim 3, wherein said first interlocking
2 means rotates on said second interlocking means.

1 5. The nozzle assembly as claimed in claim 1, said first interlocking means
2 comprising:

3 a first flange, formed on a second end, to abut on said main nozzle at the second
4 coupling hole; and

5 a plurality of first protrusions, formed on the first end, to be caught in the first
6 coupling hole when said first interlocking means is rotated by a first predetermined angle.

1 6. The nozzle assembly as claimed in claim 5, said first interlocking means
2 further comprising at least one stop formed between said first flange and said plurality of first
3 protrusions, so that said first protrusions are prevented from rotating beyond a second
4 predetermined angle when fitted into the first coupling hole.

1 7. The nozzle assembly as claimed in claim 1, said second interlocking means
2 comprising:

3 a plurality of second protrusions, formed on the first end, to be caught in the second
4 coupling hole, to be caught in the second coupling hole when said second interlocking means
5 is rotated by a first predetermined angle;

6 a second flange, formed on the second end, to be caught on said first interlocking
7 means; and

8 a load-bearing shaft, formed between said second flange and said second protrusions,
9 for rotatably receiving said first interlocking means.

1 8. The nozzle assembly as claimed in claim 7, said second interlocking means
2 further comprising a plurality of supports, formed at the second end, for providing a
3 counteracting support with respect to an opposing inner wall of said main nozzle, to allow
4 said second flange to be caught on the first end of said first interlocking means.

1 9. The nozzle assembly as claimed in claim 7, said second interlocking means
2 further comprising at least one stop formed between said load-bearing shaft and said second
3 protrusions, so that said second protrusions are prevented from rotating beyond a second
4 predetermined angle when fitted into the second coupling hole.